

CRF Errors Corrected by the STIC System Branch

Batel #412R
6/11/99 07/12/97

CRF Processing Date : 6/11/99
 Edited by: AN
 Verified by: AN (STIC staff)

Serial Number: 09/149,919

ENTERED

- ☐ Changed a file from non-ASCII to ASCII
- ☐ Changed the margins in cases where the sequence text was "wrapped" down to the next line.
- ☐ Edited a format error in the Current Application Data section, specifically: _____
- ☒ Edited the Current Application Data section with the actual current number. The number inputted by the applicant was ☒ the prior application data; or ☐ other _____
- ☐ Added the mandatory heading and subheadings for "Current Application Data".
- ☐ Edited the "Number of Sequences" field. The applicant spelled out a number instead of using an integer.
- ☐ Changed the spelling of a mandatory field (the headings or subheadings), specifically: _____
- ☐ Corrected the SEQ ID NO when obviously incorrect. The sequence numbers that were edited were: _____
- ☐ Inserted or corrected a nucleic number at the end of a nucleic line. SEQ ID NO's edited: _____
- ☐ Corrected subheading placement. All responses must be on the same line as each subheading. If the applicant placed a response below the subheading, this was moved to its appropriate place.
- ☐ Inserted colons after headings/subheadings. Headings edited included: _____
- ☐ Deleted extra, invalid, headings used by an applicant, specifically: _____
- ☐ Deleted: ☐ non-ASCII "garbage" at the beginning/end of files; ☐ secretary initials/filename at end of file;
☐ page numbers throughout text; ☐ other invalid text, such as _____
- ☐ Inserted mandatory headings, specifically: _____
- ☐ Corrected an obvious error in the response, specifically: _____
- ☐ Edited identifiers where upper case is used but lower case is required, or vice versa.
- ☐ Corrected an error in the Number of Sequences field, specifically: _____
- ☐ A "Hard Page Break" code was inserted by the applicant. All occurrences had to be deleted.
- ☐ Deleted *ending* stop codon in amino acid sequences and adjusted the "(A)Length:" field accordingly (error due to a PatentIn bug). Sequences corrected: _____
- ☐ Other: _____

RAW SEQUENCE LISTING
PATENT APPLICATION US/09/147,919DATE: 06/14/1999
TIME: 16:45:38

INPUT SET: S32192.raw

<p>This Raw Listing contains the General Information Section and up to the first 5 pages.</p>

SEQUENCE LISTING

(1) General Information:

(i) APPLICANT:

(A) NAME: Bavarian Nordic AS
(B) STREET: Naverland 2
(C) CITY: Glostrup
(E) COUNTRY: Denmark
(F) POSTAL CODE (ZIP): 2600
(G) TELEPHONE: 0045 43 438 444

(A) NAME: GSF Forschungszentrum fuer Umwelt und
Gesundheit GmbH
(B) STREET: Ingolstaedter Landstr. 1
(C) CITY: Neuherberg
(E) COUNTRY: Germany
(F) POSTAL CODE (ZIP): 85758

(ii) TITLE OF INVENTION: Recombinant MVA Virus Expressing Dengue Virus
Antigens, and The Use Thereof in Vaccines

(iii) NUMBER OF SEQUENCES: 8

(v) COMPUTER READABLE FORM:

(A) MEDIUM TYPE: Floppy disk
(B) COMPUTER: IBM PC compatible
(C) OPERATING SYSTEM: PC-DOS/MS-DOS
(D) SOFTWARE: PatentIn Release #1.0, Version #1.30 (EPO)

(vi) CURRENT APPLICATION DATA:

(A) APPLICATION NUMBER:
(B) FILING DATE:

(vii) PRIOR APPLICATION DATA:

(A) APPLICATION NUMBER: DK 1035/96
(B) FILING DATE:

(2) INFORMATION FOR SEQ ID NO: 1:

(i) SEQUENCE CHARACTERISTICS:

(A) LENGTH: 33 base pairs
(B) TYPE: nucleic acid
(C) STRANDEDNESS: single
(D) TOPOLOGY: linear

ENTERED

RAW SEQUENCE LISTING
PATENT APPLICATION US/09/147,919DATE: 06/14/1999
TIME: 16:45:38

INPUT SET: S32192.raw

47 (ii) MOLECULE TYPE: other nucleic acid
48 (A) DESCRIPTION: /desc = "primer"
49
50 (iii) HYPOTHETICAL: YES
51
52 (iv) ANTI-SENSE: NO
53
54
55
56
57 (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 1:
58
59 CAGCAGGGTA CCCTCATCGT ACAGGACGTT CTC 33
60
61 (2) INFORMATION FOR SEQ ID NO: 2:
62
63 (i) SEQUENCE CHARACTERISTICS:
64 (A) LENGTH: 42 base pairs
65 (B) TYPE: nucleic acid
66 (C) STRANDEDNESS: single
67 (D) TOPOLOGY: linear
68
69 (ii) MOLECULE TYPE: other nucleic acid
70 (A) DESCRIPTION: /desc = "primer"
71
72
73
74
75 (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 2:
76
77 CAGCAGCCCG GGTATTCGAT GATTATTTTT AACAAAATAA CA 42
78
79 (2) INFORMATION FOR SEQ ID NO: 3:
80
81 (i) SEQUENCE CHARACTERISTICS:
82 (A) LENGTH: 36 base pairs
83 (B) TYPE: nucleic acid
84 (C) STRANDEDNESS: single
85 (D) TOPOLOGY: linear
86
87 (ii) MOLECULE TYPE: other nucleic acid
88 (A) DESCRIPTION: /desc = "primer"
89
90 (iii) HYPOTHETICAL: YES
91
92 (iv) ANTI-SENSE: NO
93
94
95
96
97 (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 3:
98
99 CAGCAGCTGC AGGAATCATC CATTCCACTG AATAGC 36

RAW SEQUENCE LISTING
PATENT APPLICATION US/09/147,919DATE: 06/14/1999
TIME: 16:45:39

INPUT SET: S32192.raw

100
101 (2) INFORMATION FOR SEQ ID NO: 4:
102
103 (i) SEQUENCE CHARACTERISTICS:
104 (A) LENGTH: 36 base pairs
105 (B) TYPE: nucleic acid
106 (C) STRANDEDNESS: single
107 (D) TOPOLOGY: linear
108
109 (ii) MOLECULE TYPE: other nucleic acid
110 (A) DESCRIPTION: /desc = "primer"
111
112
113
114
115 (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 4:
116
117 CAGCAGGCAT GCCGACGAAC AAGGAACTGT AGCAGA 36
118
119 (2) INFORMATION FOR SEQ ID NO: 5:
120
121 (i) SEQUENCE CHARACTERISTICS:
122 (A) LENGTH: 33 base pairs
123 (B) TYPE: nucleic acid
124 (C) STRANDEDNESS: single
125 (D) TOPOLOGY: linear
126
127 (ii) MOLECULE TYPE: other nucleic acid
128 (A) DESCRIPTION: /desc = "primer"
129
130
131
132
133 (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 5:
134
135 CAGCAGGTCG ACCCCGACCG CCTTACTGCC GCC 33
136
137 (2) INFORMATION FOR SEQ ID NO: 6:
138
139 (i) SEQUENCE CHARACTERISTICS:
140 (A) LENGTH: 33 base pairs
141 (B) TYPE: nucleic acid
142 (C) STRANDEDNESS: single
143 (D) TOPOLOGY: linear
144
145 (ii) MOLECULE TYPE: other nucleic acid
146 (A) DESCRIPTION: /desc = "primer"
147
148
149
150
151 (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 6:
152

RAW SEQUENCE LISTING
PATENT APPLICATION US/09/147,919DATE: 06/14/1999
TIME: 16:45:39

INPUT SET: S32192.raw

153 GGGGGGCTGC AGATGGTAGC GACCGGCGCT CAG

33

154

155 (2) INFORMATION FOR SEQ ID NO: 7:

156

157 (i) SEQUENCE CHARACTERISTICS:

158 (A) LENGTH: 36 base pairs

159 (B) TYPE: nucleic acid

160 (C) STRANDEDNESS: single

161 (D) TOPOLOGY: linear

162

163 (ii) MOLECULE TYPE: other nucleic acid

164 (A) DESCRIPTION: /desc = "primer"

165

166

167

168

169 (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 7:

170

171 CAGCAGCCCG GGATGGCAGC AATCCTGGCA TACACC

36

172

173 (2) INFORMATION FOR SEQ ID NO: 8:

174

175 (i) SEQUENCE CHARACTERISTICS:

176 (A) LENGTH: 39 base pairs

177 (B) TYPE: nucleic acid

178 (C) STRANDEDNESS: single

179 (D) TOPOLOGY: linear

180

181 (ii) MOLECULE TYPE: other nucleic acid

182 (A) DESCRIPTION: /desc = "primer"

183

184

185

186

187 (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 8:

188

189 CAGCAGCCCG GGTCACTGTA GTTTGTCCAT CCTCAGCCT

39

190

SEQUENCE VERIFICATION REPORT
PATENT APPLICATION US/09/147,919DATE: 06/14/1999
TIME: 16:45:39**INPUT SET: S32192.raw**

Line	Error	Original Text
5	Mandatory Value Not Present	(i) APPLICANT:
6	Unknown or Misplaced Identifier	(A) NAME: Bavarian Nordic AS
7	Unknown or Misplaced Identifier	(B) STREET: Naverland 2
8	Unknown or Misplaced Identifier	(C) CITY: Glostrup
9	Unknown or Misplaced Identifier	(E) COUNTRY: Denmark
10	Unknown or Misplaced Identifier	(F) POSTAL CODE (ZIP): 2600
11	Unknown or Misplaced Identifier	(G) TELEPHONE: oo45 43 438 444
13	Unknown or Misplaced Identifier	(A) NAME: GSF Forschungszentrum fuer Umwelt und
15	Unknown or Misplaced Identifier	(B) STREET: Ingolstaedter Landstr. 1
16	Unknown or Misplaced Identifier	(C) CITY: Neuherberg
17	Unknown or Misplaced Identifier	(E) COUNTRY: Germany
18	Unknown or Misplaced Identifier	(F) POSTAL CODE (ZIP): 85758

PAGE: 1

RAW SEQUENCE LISTING
PATENT APPLICATION US/09/147,919DATE: 06/11/1999
TIME: 10:23:23

INPUT SET: S32192.raw

This Raw Listing contains the General
Information Section and up to the first 5 pages.

SEQUENCE LISTING

(1) General Information:

(i) APPLICANT:

(A) NAME: Bavarian Nordic AS
(B) STREET: Naverland 2
(C) CITY: Glostrup
(E) COUNTRY: Denmark
(F) POSTAL CODE (ZIP): 2600
(G) TELEPHONE: 0045 43 438 444

Does Not Comply
Corrected Diskette Needed

(A) NAME: GSF Forschungszentrum fuer Umwelt und
Gesundheit GmbH
(B) STREET: Ingolstaedter Landstr. 1
(C) CITY: Neuherberg
(E) COUNTRY: Germany
(F) POSTAL CODE (ZIP): 85758

(ii) TITLE OF INVENTION: Recombinant MVA Virus Expressing Dengue Virus
Antigens, and The Use Thereof in Vaccines

(iii) NUMBER OF SEQUENCES: 8

(iv) COMPUTER READABLE FORM:

(A) MEDIUM TYPE: Floppy disk
(B) COMPUTER: IBM PC compatible
(C) OPERATING SYSTEM: PC-DOS/MS-DOS
(D) SOFTWARE: PatentIn Release #1.0, Version #1.30 (EPO)

(vi) CURRENT APPLICATION DATA:

→ (A) APPLICATION NUMBER: DK 1035/96

(2) INFORMATION FOR SEQ ID NO: 1:

(vii) PRIOR APP DATA!

(i) SEQUENCE CHARACTERISTICS:

(A) LENGTH: 33 base pairs
(B) TYPE: nucleic acid
(C) STRANDEDNESS: single
(D) TOPOLOGY: linear

(ii) MOLECULE TYPE: other nucleic acid

(A) DESCRIPTION: /desc = "primer"

(iii) HYPOTHETICAL: YES

RAW SEQUENCE LISTING
PATENT APPLICATION US/09/147,919DATE: 06/11/1999
TIME: 10:23:23

INPUT SET: S32192.raw

47 (iv) ANTI-SENSE: NO
48
49
50
5152 (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 1:
5354 CAGCAGGGTA CCCTCATCGT ACAGGACGTT CTC
55

33

56 (2) INFORMATION FOR SEQ ID NO: 2:
57

58 (i) SEQUENCE CHARACTERISTICS:

59 (A) LENGTH: 42 base pairs

60 (B) TYPE: nucleic acid

61 (C) STRANDEDNESS: single

62 (D) TOPOLOGY: linear
63

64 (ii) MOLECULE TYPE: other nucleic acid

65 (A) DESCRIPTION: /desc = "primer"
66
67
68
6970 (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 2:
7172 CAGCAGCCCG GGTATTCGAT GATTATTTTT AACAAAATAA CA
73

42

74 (2) INFORMATION FOR SEQ ID NO: 3:
75

76 (i) SEQUENCE CHARACTERISTICS:

77 (A) LENGTH: 36 base pairs

78 (B) TYPE: nucleic acid

79 (C) STRANDEDNESS: single

80 (D) TOPOLOGY: linear
81

82 (ii) MOLECULE TYPE: other nucleic acid

83 (A) DESCRIPTION: /desc = "primer"
8485 (iii) HYPOTHETICAL: YES
8687 (iv) ANTI-SENSE: NO
88
89
90
9192 (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 3:
9394 CAGCAGCTGC AGGAATCATC CATTCCACTG AATAGC
95

36

96 (2) INFORMATION FOR SEQ ID NO: 4:
97

98 (i) SEQUENCE CHARACTERISTICS:

99 (A) LENGTH: 36 base pairs

RAW SEQUENCE LISTING
PATENT APPLICATION US/09/147,919DATE: 06/11/1999
TIME: 10:23:24

INPUT SET: S32192.raw

100 (B) TYPE: nucleic acid
101 (C) STRANDEDNESS: single
102 (D) TOPOLOGY: linear
103
104 (ii) MOLECULE TYPE: other nucleic acid
105 (A) DESCRIPTION: /desc = "primer"
106
107
108
109
110 (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 4:
111
112 CAGCAGGCAT GCCGACGAAC AAGGAACTGT AGCAGA 36
113
114 (2) INFORMATION FOR SEQ ID NO: 5:
115
116 (i) SEQUENCE CHARACTERISTICS:
117 (A) LENGTH: 33 base pairs
118 (B) TYPE: nucleic acid
119 (C) STRANDEDNESS: single
120 (D) TOPOLOGY: linear
121
122 (ii) MOLECULE TYPE: other nucleic acid
123 (A) DESCRIPTION: /desc = "primer"
124
125
126
127
128 (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 5:
129
130 CAGCAGGTCG ACCCCGACCG CCTTACTGCC GCC 33
131
132 (2) INFORMATION FOR SEQ ID NO: 6:
133
134 (i) SEQUENCE CHARACTERISTICS:
135 (A) LENGTH: 33 base pairs
136 (B) TYPE: nucleic acid
137 (C) STRANDEDNESS: single
138 (D) TOPOLOGY: linear
139
140 (ii) MOLECULE TYPE: other nucleic acid
141 (A) DESCRIPTION: /desc = "primer"
142
143
144
145
146 (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 6:
147
148 GGGGGGCTGC AGATGGTAGC GACCGGCGCT CAG 33
149
150 (2) INFORMATION FOR SEQ ID NO: 7:
151
152 (i) SEQUENCE CHARACTERISTICS:

RAW SEQUENCE LISTING
PATENT APPLICATION US/09/147,919DATE: 06/11/1999
TIME: 10:23:24

INPUT SET: S32192.raw

153 (A) LENGTH: 36 base pairs
154 (B) TYPE: nucleic acid
155 (C) STRANDEDNESS: single
156 (D) TOPOLOGY: linear
157
158 (ii) MOLECULE TYPE: other nucleic acid
159 (A) DESCRIPTION: /desc = "primer"
160
161
162
163
164 (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 7:
165
166 CAGCAGCCCG GGATGGCAGC AATCCTGGCA TACACC
167
168 (2) INFORMATION FOR SEQ ID NO: 8:
169
170 (i) SEQUENCE CHARACTERISTICS:
171 (A) LENGTH: 39 base pairs
172 (B) TYPE: nucleic acid
173 (C) STRANDEDNESS: single
174 (D) TOPOLOGY: linear
175
176 (ii) MOLECULE TYPE: other nucleic acid
177 (A) DESCRIPTION: /desc = "primer"
178
179
180
181
182 (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 8:
183
184 CAGCAGCCCG GGTCACTGTA GTTTGTCCAT CCTCAGCCT
185

36

39

SEQUENCE VERIFICATION REPORT
PATENT APPLICATION US/09/147,919DATE: 06/11/1999
TIME: 10:23:24**INPUT SET: S32192.raw**

Line	Error	Original Text
5	Mandatory Value Not Present	(i) APPLICANT:
6	Unknown or Misplaced Identifier	(A) NAME: Bavarian Nordic AS
7	Unknown or Misplaced Identifier	(B) STREET: Naverland 2
8	Unknown or Misplaced Identifier	(C) CITY: Glostrup
9	Unknown or Misplaced Identifier	(E) COUNTRY: Denmark
10	Unknown or Misplaced Identifier	(F) POSTAL CODE (ZIP): 2600
11	Unknown or Misplaced Identifier	(G) TELEPHONE: oo45 43 438 444
13	Unknown or Misplaced Identifier	(A) NAME: GSF Forschungszentrum fuer Umwelt und
15	Unknown or Misplaced Identifier	(B) STREET: Ingolstaedter Landstr. 1
16	Unknown or Misplaced Identifier	(C) CITY: Neuherberg
17	Unknown or Misplaced Identifier	(E) COUNTRY: Germany
18	Unknown or Misplaced Identifier	(F) POSTAL CODE (ZIP): 85758